

WHAT IS CLAIMED IS:

1. A window glass interlock device for a vehicle sliding door, comprising:
 - a guide rail fixed at a sliding door;
 - a window glass carrier linearly sliding up and down along said guide rail for
 - 5 ascending and descending a window glass;
 - a detecting guide integrally fixed at said window glass carrier;
 - a detecting lever fixed in relation to said sliding door for allowing said
 - detecting guide to contact and pivot said detecting lever by the ascending and
 - descending movement;
 - 10 an interlock lever pivotally installed in relation to said sliding door;
 - a cable connecting said detecting lever and said interlock lever for allowing
 - said interlock lever to pivot by the pivot of said detecting lever;
 - a stop block fixed at a vehicle body for restricting the amount of opening of
 - said sliding door by blocking said interlock lever; and
 - 15 a spring installed to allow said interlock lever to pivot in a state that said
 - interlock lever may be blocked by said stop block when said detecting guide is distant
 - from said detecting lever.
2. The device of claim 1, wherein said detecting lever is fixed via a hinge
- 20 at a support bracket secured at one end to said guide rail.
3. The device of claim 1, wherein said detecting guide is formed at an
- upper portion with a round part, that has a smooth curved shape contacting said
- detecting lever.

4. The device of claim 1, wherein said interlock lever is fixed via a hinge to a guide bracket mounted at a lower side of said sliding door.

5. The device of claim 1, wherein a contact portion of said interlock lever to said stop block is formed with a slant lever side inclined in relation to a vertical plane; and

said stop block is formed with a slant block side parallel with said slant lever side.

10 6. The device of claim 5, wherein said slant lever side and said slant block side are inclined 15° in relation to a vertical plane.